

**Ministry of Tourism, Culture and Sport**

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May 29, 2018

Aaron Mior (P1077)  
Golder Associates Ltd.  
1931 Robertson Ottawa ON K2H 5B7

**RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 3 Archaeological Assessment BhFw-119, Lot 23, Concession 1 Broken Front Geographic Township of Gloucester City of Ottawa", Dated Jun 23, 2017, Filed with MTCS Toronto Office on Apr 13, 2018, MTCS Project Information Form Number P1077-0039-2017, MTCS File Number 0004990**

Dear Mr. Mior:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18.<sup>1</sup> This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 Standards and Guidelines for Consultant Archaeologists set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the assessment/mitigation of the study area as depicted in Map 20 and Map 21 in the Supplementary Documentation of the above titled report and recommends the following:

1) Since the impacts by the proposed development encompassing the boundaries of registered site BhFw-119 are unavoidable, a Stage 4 archaeological investigation is required for the site. This Stage 4 archaeological excavation should be conducted by a licensed archaeologist and conform to the Stage 4 excavation strategy outlined below.

Since development impacts to registered site BhFw-119 cannot be avoided the site should be subject to a Stage 4 mitigation assessment in accordance with the Ministry of Tourism, Culture and Sports' Standards and Guidelines (2011) and conducted by a professionally licensed archaeologist.

Registered site BhFw-119 is interpreted to represent an occupation dating between the 1820s and 1830s, correlating to the Long Island lock construction period. The site is located within a former agricultural field, with Lot 1 represented by plough disturbed soils extending to an average of 20 centimetres across the majority of the site, with deeper Lot 1 deposits closer to the western edge of the upper terrace (e.g. 46 cm in Unit N120 E95). The Stage 4 mitigation should comprise block excavation of 1 metre by 1 metre square

units targeted at areas of high artifact concentrations and units within two metres of locations exhibiting evidence of subsurface features documented during the Stage 3 assessment (Map 21). Based on the Stage 3 field investigation, the feature identified within Unit N120 E100 extends at least one unit west, while the feature documented in Unit N120 E105 is interpreted to extend beyond the north, east and south limits of the unit. Due to the steep ridge along the western periphery of the site, no additional units are interpreted to be safely excavated west of Grid Line E95.

Once the block excavation has determined the limits with a clear drop off in artifact counts around the periphery of the site, and all features identified during the hand excavation have been fully documented and cross-sectioned, the site should be subjected to mechanical soil stripping. The mechanical soil stripping will be utilized to remove the plough zone and provide the opportunity to identify and document all additional subsurface archaeological features observed within the site landscape. All exposed archaeologically significant features observed during soil stripping should be fully exposed prior to hand excavation to Stage 4 methods as detailed in the MTCS Standards and Guidelines for Consultant Archaeologists (2011). All exposed features should be accurately mapped and drawn to scale in plan view prior to hand excavation.

Post hand excavation soil stripping should be undertaken across the entire site, including a 10 metre buffer area around the site boundary encompassing all archaeological features. Heavy equipment should be used to pull soil away (e.g. excavator, backhoe or gradall). Heavy equipment that pushes soil (e.g. bulldozer, belly scraper) is not an acceptable alternative. Excavators and backhoes should be equipped with a smooth bucket (not toothed). All exposed subsoil surfaces should be cleaned by shovel (shovel shine) or trowel following mechanical topsoil removal to identify features. Excavation must continue at least 10 metres beyond the limits of all exposed archaeological features.

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Miranda Brunton  
Archaeology Review Officer

cc. Archaeology Licensing Officer  
Steve Cunliffe, The Regional Group of Companies Inc.  
Patrick Chamney, City of Ottawa

<sup>1</sup>In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.